1. A method of encrypting a television signal, comprising:

encrypting an audio portion of the television signal according to a first encryption method to produce a first encrypted audio portion and according to a second encryption method to produce a second encrypted audio portion; and

combining an unencrypted video portion of the television signal with the first and second encrypted audio portion.

- 2. The method according to claim 1, wherein the television signal is a digital television signal, and wherein the encrypting comprises encrypting packets identified as audio packets.
- 3. The method according to claim 2, wherein the digital television signal complies with an MPEG standard, and wherein the audio packets are identified for encryption by a packet identifier (PID).
- 4. The method according to claim 2, wherein the digital television signal complies with a digital satellite service (DSS) transport standard, and wherein the audio packets are identified for encryption by a service channel identifier (SCID)
- 5. The method according to claim 2, wherein audio packets encrypted according to the first encryption method are assigned a first packet identifier and audio packets encrypted according to the second encryption method are assigned a second packet identifier.
- 6. The method according to claim 5, wherein the first packet identifier and the second packet identifier are referenced as primary elementary PIDs in a program map table (PMT).

Docket No.: SNY-R4646.03 -54- PATENT

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- 7. The method according to claim 5, wherein the first packet identifier is referenced as a primary elementary PID in a program map table (PMT) and the second packet identifier is referenced as a secondary elementary PID in the program map table (PMT).
- 5
 6 8. The method according to claim 5, wherein the first encrypted audio portion
 7 and the second encrypted audio portion are distributed over one of a terrestrial

broadcast system, a satellite system and a cable system.

- 9. The method according to claim 8, further comprising distributing system information to provide locating information used to locate the first and second encrypted audio portions.
- 10. The method according to claim 9, further comprising encrypting the system information.
- 11. An electronic storage medium storing instructions which, when executed on a programmed processor, carry out the method of encrypting a television signal according to claim 1.
- 12. An electronic transmission medium carrying an encrypted television signal encrypted by the method according to claim 1.

A method of encrypting a television signal, comprising:

encrypting an audio portion of the television signal according to a first

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13.

- 20. An electronic storage medium storing instructions which, when executed on a programmed processor, carry out the method of encrypting a television signal according to claim 13.
- 21. An electronic transmission medium carrying an encrypted television signal encrypted by the method according to claim 13.

Docket No.: SNY-R4646.03 -57- PATENT

22. An encrypted television signal for encrypting a television signal having a clear audio portion and a clear video portion, comprising:

a first encrypted audio portion, comprising the clear audio portion encrypted under a first encryption method;

a second encrypted audio portion, comprising the clear audio portion encrypted under a second encryption method; and

an unencrypted video portion.

- 23. The encrypted television signal according to claim 22, wherein the television signal is a digital television signal, and wherein the first and second encrypted audio portions comprise encrypted packets identified as audio packets.
- 24. The encrypted television signal according to claim 23, wherein the digital television signal complies with an MPEG standard, and wherein the first encrypted audio portion is comprised of packets identified by a first packet identifier (PID), and wherein the second encrypted audio portion is comprised of packets identified by a second packet identifier (PID).

Docket No.: SNY-R4646.03 -58- PATENT

25. An encrypted television signal for encrypting a television signal having a clear audio portion and a clear video portion, comprising:

a first encrypted audio portion, comprising the clear audio portion encrypted under a first encryption method; and

an unencrypted video portion.

- 26. The encrypted television signal according to claim 25, wherein the television signal is a digital television signal, and wherein the first encrypted audio portion comprises encrypted packets identified as audio packets.
- 27. The encrypted television signal according to claim 26, wherein the digital television signal complies with an MPEG standard, and wherein the first encrypted audio portion is comprised of packets identified by a first packet identifier (PID).

Docket No.: SNY-R4646.03 -59- PATENT

- 28. A television set-top box, comprising:
 - a receiver receiving a dual partially encrypted television program;
- a decrypter that receives encrypted audio packets from the receiver and decrypts the encrypted audio packets, the encrypted audio packets being encrypted under a first encryption algorithm; and
- a decoder that receives and decodes the decrypted audio packets, and that receives and decodes unencrypted video packets to produce a television signal suitable for play on a television receiver.
- 29. The apparatus according to claim 26, wherein the receiver further receives and discards audio packets encrypted under a second encryption algorithm.

Docket No.: SNY-R4646.03 -60- PATENT

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30. A cable system headend, comprising:

a first encryption system that encrypts audio packets using a first encryption algorithm;

a second encryption system that encrypts audio packets using a second encryption algorithm; and

means for distributing a stream of packets over a cable television system, the stream of packets comprising a video packets, audio packets encrypted under the first encryption algorithm, and audio packets encrypted under the second encryption algorithm and system information packets.

- 31. The apparatus according to claim 30, wherein the video packets are unencrypted.
- 32. The apparatus according to claim 30, wherein the system information packets are unencrypted.
- 33. The apparatus according to claim 30, wherein the video packets are partially encrypted.
- 34. The apparatus according to claim 30, wherein the system information packets are encrypted.

35. A method of decoding a partially encrypted television signal, comprising: receiving a television signal having an encrypted audio portion and a clear video portion;

decrypting the encrypted audio portion to produce a decrypted audio portion; decoding the decrypted audio portion and the clear video portion to produce a decoded television signal.

36. The method according to claim 35, wherein the decoded signal is suitable for play on a television set.

- 37. The method according to claim 35, wherein the encrypted audio portion is identified by a packet identifier (PID) associated with a decryption algorithm used for decrypting the encrypted audio portion.
- 38. The method according to claim 35, wherein the television signal further comprises a second encrypted audio portion; and wherein the encrypted audio portion and the second encrypted audio portions are encrypted using two different encryption algorithms.
- 39. The method according to claim 38, wherein the encrypted audio portion is identified by a first packet identifier (PID) associated with a decryption algorithm used for decrypting the encrypted audio portion; and wherein the second encrypted audio portion is identified by a second packet identifier (PID) associated with a decryption algorithm used for decrypting the encrypted audio portion.
- 40. The method according to claim 39, wherein the first PID is a secondary PID and wherein the second PID is a primary PID.
- 41. The method according to claim 39, wherein the first PID is a primary PID and wherein the second PID is a secondary PID.

Docket No.: SNY-R4646.03 -62- PATENT

- 42. The method according to claim 35, carried out in an integrated circuit. 1 2 The method according to claim 35, carried out in an application specific 3 43. integrated circuit. 4 5 6 The method according to claim 35, carried out in a television device. 44. 7 8
 - The method according to claim 35, carried out in a television set-top box. 45.

1	46.	A method of decoding a partially encrypted television signal, comprising:	
2		receiving a television signal having a first encrypted audio portion, a second	
3	encry	pted audio portion and a clear video portion, the first audio portion being	
4	ident	ified by a first packet identifier (PID), and the second audio portion being	
5	ident	ified by a second PID;	
6		discarding the second encrypted audio portion by PID filtering;	
7		decrypting the first encrypted audio portion to produce a decrypted audio	
8	portion; and		
9		decoding the decrypted audio portion and the clear video portion to produce	
10	a decoded signal.		
11 12			
12	47.	The method according to claim 46, wherein the decoded signal is suitable	
13	for pi	ay on a television set.	
4 4			
1 5	48.	The method according to claim 46, wherein the first PID is a secondary PID	
1 5	and v	and wherein the second PID is a primary PID.	
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147 18	49.	The method according to claim 46, wherein the first PID is a primary PID and	
19	where	wherein the second PID is a secondary PID.	
20			
21	50.	The method according to claim 46, carried out in an integrated circuit.	
22			
23	51.	The method according to claim 46, carried out in an application specific	
24	integ	integrated circuit.	
25			
26	52.	The method according to claim 46, carried out in a television device.	
27			
28	53.	The method according to claim 46, carried out in a television set-top box.	
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2	signal includes an elementary data stream and system information (SI),
3	comprising:
4	encrypting the SI under a first encryption system;
5	forming a partially encrypted digital television signal comprising:
6	the elementary data stream in an unencrypted form; and
7	the SI encrypted under the first encryption system.
8	
9	55. The method according to claim 54, further comprising encrypting the S
10	under a second encryption system.
3 1	
11 12	56. The method according to claim 55, wherein the partially encrypted digital
43	television signal further comprises the SI encrypted under the second encryption
4	system.
<u>1</u> 5	
16 17	57. The method according to claim 54, further comprising distributing the
17	partially encrypted television signal over one of the following: a cable system,
18	terrestrial broadcast system and satellite system.
19	
20	58. The method according to claim 57, wherein the encrypted SI information is
21	distributed in a different band than that used to distribute the elementary data
22	stream in the unencrypted form.
23	
24	59. The method according to claim 54, further comprising distributing the
25	partially encrypted television signal over one of the following: a cable system, a
26	terrestrial broadcast system and satellite system.
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28	60. The method according to claim 59, wherein the encrypted SI information is

distributed in a different band than that used to distribute the elementary data

-65-

PATENT

stream in the unencrypted form.

Docket No.: SNY-R4646.03

A method of encrypting a digital television signal, wherein the television

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- 1 61. An electronic storage medium storing instructions which, when executed on 2 a programmed processor, carry out the method of encrypting a digital television 3 signal according to claim 54.
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- 5 62. An electronic transmission medium carrying an encrypted digital television 6 signal encrypted by the method according to claim 54.

Docket No.: SNY-R4646.03 -66- PATENT

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- 63. A partially encrypted digital television signal, comprising:
 an unencrypted elementary data stream; and
 system information (SI) encrypted under a first encryption system.
- 64. The apparatus according to claim 63, further comprising the system information (SI) encrypted under a second encryption system.
- 65. The apparatus according to claim 64, wherein the unencrypted elementary data stream is modulated to a first frequency band and wherein the encrypted SI is modulated to a second frequency band.
- 66. The apparatus according to claim 63, wherein the unencrypted elementary data stream is modulated to a first frequency band and wherein the encrypted SI is modulated to a second frequency band.

Docket No.: SNY-R4646.03 -67- PATENT

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2		a receiver that receives a television signal comprising content and encrypted
3	syste	m information;
4		a decrypter that decrypts the system information; and
5		a decoder that decodes the content.
6		
7	68.	The apparatus according to claim 67, wherein the content is decoded
8	acco	rding to the information.
9		
10	69.	The apparatus according to claim 67, wherein the system information
10 11 12 13	inclu	des channel identifier information for identifying the content.
12		
13	70.	The apparatus according to claim 67, wherein the system information is
14	rece	ived in an out of band receiver.
_15		
16 17 18	71.	The apparatus according to claim 68, wherein the system information is
17	rece	ived in an in-band receiver.
18		

67. A television set-top box, comprising:

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72.	A method of encrypting a television signal, comprising:				
	encrypting an elementary stream of the television signal according to a first				
encry	ption method to produce a first encrypted elementary stream; and				
	and the elementary stream assording to a second encryption method				

encrypting the elementary stream according to a second encryption method to produce a second encrypted elementary stream.

- 73. The method according to claim 72, further comprising distributing an unencrypted video portion of the television signal along with the first and second encrypted elementary streams.
- 74. The method according to claim 72, wherein the television signal is a digital television signal, and wherein the encrypting comprises encrypting packets identified as one of audio elementary stream packets, video elementary stream packets and system information elementary stream packets.
- 75. The method according to claim 74, wherein the digital television signal complies with an MPEG standard, and wherein the elementary stream packets are identified for encryption by a packet identifier (PID).

Docket No.: SNY-R4646.03 -69- PATENT

76. A method of encrypting a television signal, comprising:
encrypting a selected elementary stream of the television signal according
to a first encryption method to produce a first encrypted elementary stream; and
combining the first encrypted elementary stream with at least one
unencrypted elementary stream of the television signal to produce a partially
encrypted television signal.

- 77. The method according to claim 76, wherein the television signal is a digital television signal, and wherein the encrypting comprises encrypting packets identified as the selected elementary stream packets.
- 78. The method according to claim 76, wherein the digital television signal complies with an MPEG standard, and wherein the selected elementary stream packets are identified for encryption by a packet identifier (PID).
- 79. The method according to claim 76, further comprising distributing the partially encrypted television signal over one of a cable system, a terrestrial broadcast system and a satellite system.
- 80. The method according to claim 76, wherein the television signal is a digital television signal, and wherein the encrypting comprises encrypting packets identified as one of audio elementary stream packets, video elementary stream packets and system information elementary stream packets.
- 81. An electronic storage medium storing instructions which, when executed on a programmed processor, carry out the method of encrypting a television signal according to claim 76.
- 82. An electronic transmission medium carrying an encrypted television signal encrypted by the method according to claim 76.

Docket No.: SNY-R4646.03 -70- PATENT